

Abstract

A reversible child resistant closure system including a closure and container. The closure is for use with a container having a neck portion, an engaging means and an axis extending therethrough about which the closure is rotatable. The closure has a child resistant mode when applied to the container in a first child resistant position and has a non-child resistant mode when applied to the container in a second non-child resistant position. The closure includes an outer cap and an inner cap. The outer cap includes a first circumferential side wall that extends from a top edge to a bottom edge. This first circumferential side wall has a first inner surface with a non-child resistant engaging means for rotatable engagement with the engaging means of the container and a first child resistant engaging means axially offset from the non-child resistant engaging means comprising a series of angular abutments extending about the first inner surface. The inner cap includes a second circumferential side wall extending axially from an upper surface and has a second inner surface and an outer surface. The second inner surface is provided with a second child resistant engaging means for rotateable engagement with the engaging means of the container and the outer surface is provided with a third child resistant engaging means having a plurality of angular abutment surfaces complementary to the series of angular abutments on the outer cap. The inner cap is coaxially positioned and nested within the outer cap and is axially movable between the first child resistant engaging means and the bottom edge of the outer cap such that the plurality of angular abutment surfaces of the inner cap engage the series of angular abutments of the outer cap upon rotation of the outer cap to rotate the inner cap in a closing direction. However,

upon rotation of the outer cap member in an opening direction in the absence of an axial force, the plurality of angular abutment surfaces of the inner cap cam over and past the series of angular abutments of the outer cap so preventing rotation of the inner cap.